

**KONRAD RAYNES & VICTOR, LLP**

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TO: Commissioner for Patents  
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Group Art Unit 2186  
Patent Examining Corps  
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FROM: David W. Victor

OUR REF: 0037.0081  
TELEPHONE: 310-556-7983

Total pages, including cover letter: 12

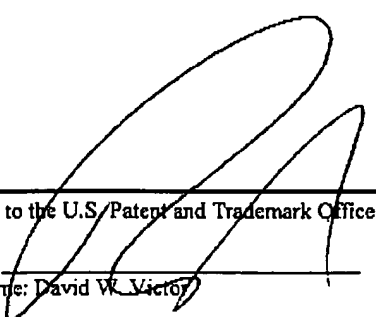
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Description of Documents Transmitted: PTO/SB/21 TRANSMITTAL FORM; POWER OF ATTORNEY AND CORRESPONDENCE ADDRESS INDICATION FORM; STATEMENT UNDER 37 CFR 3.73(B); LETTER OF AUTHORITY; COPY OF RECORDATION OF ASSIGNMENT

Applicant: A.R. Heitman et al.  
Serial No.: 09/972,391  
Filed: October 5, 2001  
Group Art Unit: 2186  
Docket No.: SJO920010096US1

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By:   
Name: David W. Victor

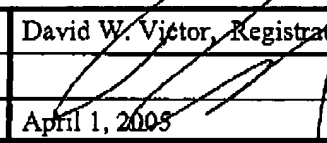
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0037.0081

<b>TRANSMITTAL FORM</b>	Application Number	09/972,391
<i>(To be used for all correspondence after initial filing)</i>	Filing Date	October 5, 2001
	Inventor	A.R. Heitman et al.
	Group Art Unit	2186
	Examiner Name	Hong Chong Kim
Total Number of Pages in this Submission: 12	Attorney Docket Number	SJO920010096US1

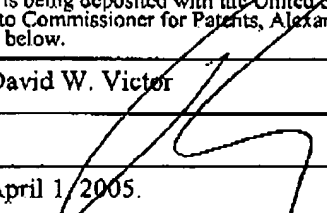
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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name:	David W. Victor, Registration No. 39,867
Signature:	
Date:	April 1, 2005
KONRAD RAYNES & VICTOR, LLP 315 South Beverly Drive, Suite 210 Beverly Hills, California 90212 (310) 556-7983	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	A.R. Heitman et al.	Examiner	2186
Serial No.	09/972,391	Group Art Unit	Hong Chong Kim
Filed	October 5, 2001	Docket No.	SJO920010096US1
TITLE	STORAGE AREA NETWORK METHODS AND APPARATUS WITH VIRTUAL SAN RECOGNITION		

POWER OF ATTORNEY AND  
CORRESPONDENCE ADDRESS INDICATION FORM

I hereby revoke all previous powers of attorney given in the above-identified application.

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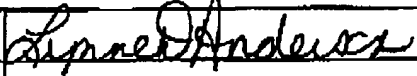
Applicant/Inventor

☒

Assignee of record of the entire interest. (Statement under 37 CFR 3.73(b) is

enclosed)

SIGNATURE of Applicant or Assignee of Record

Signature:		Date:	2-23-05
Name	Lynne D. Anderson	Title	Program Manager - U.S. Patent and Trademark Office Liaison
Company	International Business Machines Corporation		
Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.			
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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: A.R. Heitman et al.

Application No./Patent No.: 09/972,391

Filed/Issue Date: October 5, 2001

Entitled: STORAGE AREA NETWORK METHODS AND APPARATUS WITH VIRTUAL SAN RECOGNITION

International Business Machines Corporation  
(Name of Assignee)

Corporation  
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

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2. ☐ an assignee of less than the entire right, title and interest.  
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in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 013003, Frame 0720, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to: Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature:	<u>Lynne D. Anderson</u>	Date:	<u>2-23-05</u>
Name	<u>Lynne D. Anderson</u>	Telephone Number	<u>703-299-1455</u>
Title	<u>Program Manager - U.S. Patent and Trademark Office Liaison</u>		

FEB 24 1996 03:13 FR

TO 913105567984

P.04/04

## LETTER OF AUTHORITY

I, Gerald Rosenthal, Vice President, Intellectual Property and Licensing of International Business Machines Corporation (IBM), a New York corporation, do hereby delegate the authority to approve and execute documents on behalf of IBM relating to proceedings in the Patent, Trademark Registration or Copyright Offices servicing any country or region of the world, or to related appeal proceedings, including, but not limited to: petitions; powers of Attorney; authorizations; verification; nominations of representatives; declarations; documents relating to maintenance and defense of the resulting industrial property rights; assignments of rights to apply for and acquire patents and trademark registrations; and evidence of such assignments; requests for the registration of patents as available for licensing; reports of inventions and petitions for waiver of patent rights to any department or agency of the United States Government; and, assignments, licenses and other instruments confirmatory of Government rights in patents and inventions, to Lynne D. Anderson, Program Manager, Patent Office Liaison.

Date: April 6, 2004

Gerald Rosenthal  
Vice President, Intellectual Property & Licensing  
International Business Machines Corporation



. AUGUST 21, 2002

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Chief Information Officer  
Washington, DC 20231  
www.uspto.govNUTTER, MCCLENNEN & FISH  
DAVID J. POWSNER  
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NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

HEITMAN, ALLEN ROBERT

DOC DATE: 01/10/2002

## ASSIGNOR:

MERBACH, DAVID LYNN

DOC DATE: 01/10/2002

## ASSIGNOR:

YONKER, WILLIAM ROY

DOC DATE: 12/17/2001

## ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES  
CORPORATION  
NEW ORCHARD ROAD  
ARMONK, NEW YORK 10504SERIAL NUMBER: 09972391  
PATENT NUMBER:FILING DATE: 10/05/2001  
ISSUE DATE:

013003/0720 PAGE 2

SHAREILL COLES, EXAMINER  
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FORM PTO-1619A  
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Name (line 2)

## Second Party

Name (line 1)

David Lynn Merbach

Execution Date  
Month Day Year  
01102002

Name (line 2)

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Page 2

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**PATENT****Correspondent Name and Address**Area Code and Telephone Number **617-439-2717**Name **David J. Powsner**Address (line 1) **Nutter, McClennen & Fish,**Address (line 2) **One International Place**Address (line 3) **Boston, MA 02110-2699**

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# **1****Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

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Patent Application Number(s)

**09972391**

Patent Number(s)

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Month Day Year

**Patent Cooperation Treaty (PCT)**Enter PCT application number  
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Month Day Year

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Name (line 2)

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## Patent Application Number(s)

## Patent Number(s)


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Heitman et al.

Serial No. 09/972,391

Filing Date: October 5, 2001

for

STORAGE AREA NETWORK METHODS  
AND APPARATUS WITH VIRTUAL SAN  
RECOGNITION

Attorney Docket: SJ09-2001-0096

Examiner:

Art Unit:

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Date: 6/13/02

David J. Powsner, Reg. No. 31,868

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Respectfully submitted,

Date: 6/13/02

David J. Powsner, Reg. No. 31,868

ATTORNEYS OF APPLICANTS  
Nutter, McClennen & Fish LLP  
One International Place  
Boston, MA 02110-2699  
Telephone: 617-439-2717  
Telefax: 617-310-9717

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DOCKET: SJ09-2001-0096

## ASSIGNMENT

Whereas, we

(1) Allen Robert Heitman of 40 Sandy Point Court NE, Rochester,  
County of Olmsted and State of Minnesota,  
and (2) David Lynn Merbach of 3426 ~~9th Ave N.W.~~ <sup>18th</sup> Ave N.E., Rochester,  
County of Olmsted and State of Minnesota,  
and (3) William Roy Yonker of 11235 11th Avenue N.E., Rochester,  
County of Olmsted and State of Minnesota,

1618-213<sup>rd</sup> Ave N.E. Rochester, MN

have invented certain improvements in

## STORAGE AREA NETWORK METHODS AND APPARATUS WITH VIRTUAL SAN RECOGNITION

and executed, respectively, a United States patent application therefor on

(1) Jan 10 <sup>2002</sup> ~~2001~~ (2) Jan 10 <sup>2002</sup> ~~2001~~ (3) Dec. 17, 2001

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desired to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigned, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

(1) at <u>Rochester, MN</u>	<u>Allen Robert Heitman</u>	Signature
on <u>1-10</u> , 200 <del>2</del>	Allen Robert Heitman	Inventor
(2) at <u>Rochester, MN</u>	<u>David Lynn Merbach</u>	Signature
on <u>1/10/2002, 2001, &amp;c</u>	David Lynn Merbach	Inventor
(3) at <u>Rochester, MN</u>	<u>William Roy Yonker</u>	Signature
on <u>12/17</u> , 2001,	William Roy Yonker	Inventor